Fast Lane

opentext™

Data Protector Essentials (DPE)

ID DPE   **Preis** auf Anfrage   **Dauer** 5 Tage

Zielgruppe

Storage and system administrators using Data Protector software, system engineers, consultants, project managers, professional services, and sales.

Voraussetzungen

To be successful in this course, you need system and network administration or equivalent experience.

Kursziele

On completion of this course, participants should be able to:

- Explain adaptive backup and recovery solutions.
- Explain the architecture and concept of Data Protector.
- Describe the Data Protector product structure.
- Install the Data Protector Cell Manager and Client.
- Explain the configuration for backup devices and media management.
- Configure and run Filesystem backups and restores.
- Monitor the Data Protector environment, run reports, and set up notifications.
- Troubleshoot the Data Protector environment.

Kursinhalt

Module 1: Course Overview

- Explain the daily classroom schedule and structure
- Review the overall course objectives

Module 2: What's New in Data Protector 11.03

- Describe new editions, features, and enhancements of Data Protector (DP) from DP 11.01 to DP 11.03

Module 3: Data Protector Architecture

- Explain the Data Protector architecture
- Explain the Data Protector cell concept
- Explain the Data Protector client server architecture

- Plan the layout for a Data Protector installation

Module 4: Data Protector Installation

- Plan for the installation of DP
- Explain the installation sequence
- Install the DP Cell Manager
- Explain the client installation concept
- Distribute DP agent components to client systems
- Export and import DP clients
- Discuss the DP upgrade process

Module 5: Data Protector Upgrade

- Explain the upgrade sequence
- Discuss the DP upgrade process
- Plan for the upgradation of the DP Cell Manager
- Know the DP Upgrades Path
- Know the Upgrade Options
- Upgrade the Windows Cell Manager

Module 6: Getting Started

- Explore Data Protector GUI

Module 7: Licensing and Product Structure

- Explain the Data Protector licensing models
- Describe the Data Protector product structure
- Configure and use the Data Protector license reporting

Module 8: Backup Devices

- Describe the configurable backup devices
- Describe the concepts of logical devices
- Configure and manage disk-based backup devices
- Configure and manage tape-based backup devices
- Use the Data Protector CLI to check the devices

Module 9: Media Management

- Describe the concepts of media management in Data Protector
- Configure media pools and assign media
- Exchange media with different Data Protector cells using Media Export/Import
- Implement vaulting using multiple media pools

Module 10: Backup Specification

- Create and generate backup specifications
- Adjust all the options that control the execution of a backup job
- Explore advanced backup capabilities, such as load balancing or device mirroring
- Schedule backup specifications using the new web-based scheduler
- Explain the backup processing flow

Module 11: Restoring Capabilities

- Use the restore capabilities in Data Protector
- Perform the session and object restores
- Perform the single or parallel restores
- Use the restore context in the Data Protector GUI

Module 12: Sessions, Reports, and Notifications

- Monitor running sessions through DP GUI or CLI
- Browse for sessions that have been performed in the past
- Explain the Data Protector Reporting features
- Configure the reports within a report group and execute it
- Configure and modify the Data Protector notifications

Module 13: Copying and Verifying Media and Objects

- Create copies of the backup media through Media Copy
- Create copies of the selected objects through Object Copy
- Verify your data using the media and object verification sessions

Module 14: Internal Database

- Explain the concept of an Internal Database (IDB)
- Describe the architecture of an IDB
- Perform maintenance and administration tasks on the IDB
- Back up and restore the IDB
- Configure IDB-related reports and notifications
- Run a disaster recovery (DR) of IDB

Module 15: Deduplication

- Explain the deduplication technology
- Describe the different Data Protector deduplication configurations
- Configure a B2D device for hardware and software deduplication in Data Protector
- Configure a backup specification with deduplication
- Configure an Object Replication between the deduplication devices

Module 16: Block-based Backup and Restore

- Describe the Block-based backup
- Describe the change block driver
- Describe the incremental block-based backup
- Describe the block-based restore

Module 17: Access Control and Security

- Control user access to the cell
- Manage user groups in the cell
- Configure user restrictions
- Manage network access to the cell
- Secure the DP cell

Module 18: Reporting Server

- Describe the New Data Protector Reporting Server and its different types
- Install Data Protector reporting server
- Configure Data Protector reporting server
- Generate integrated reports

Module 19: Disaster Recovery

- List the Data Protector methods to perform a disaster recovery
- Explain the four phases to recover a system from a disaster
- Perform a Disaster Recovery using Enhanced Automated Disaster Recovery (EADR)

Module 20: Auto Replication Sync

- Explain the concept of Auto Replication Sync
- Explain the foreign Cell Manager import method
- Describe the Automated Replication Synchronization (ARS) device and the replication job configuration

Module 21: Patch Installation

- Explain the Data Protector strategies to address the product issues and limitations
- Download and install the Data Protector General Release (GR) patches
- Query the Data Protector clients to view a list of installed Data Protector fixes

Module 22: Troubleshooting

- Identify various DP log files
- Enable the debug option
- Explain the process to collect and pack the debug files
- Configure and run the DP health check
- Perform a basic troubleshooting

Weltweite Trainingscenter

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